

WRIGHT-PATTERSON AIR FORCE BASE, AREA B.  
BUILDING 71D, PROPULSION RESEARCH LABORATORY, FUEL AND LUBRICANTS  
DAYTON VIC.  
GREENE COUNTY  
OHIO

HAER No. OH-79-BA

HAER  
OHIO  
29-DAYTON,  
184-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Engineering Record  
National Park Service  
Department of the Interior  
P.O. Box 37127  
Washington, D.C. 20013-7127

HISTORIC AMERICAN ENGINEERING RECORD

WRIGHT-PATTERSON AIR FORCE BASE, AREA B,  
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Location: Along 7th Street between D and G Streets;  
Wright-Patterson Air Force Base, Area B,  
Dayton Vicinity, Greene County, Ohio.

Date of  
Construction: 1944.

Present Owner: USAF.

Present Use: Water cooling tower.

Significance: Building 71D is part of the Power Plant  
Laboratory Complex, the site of essential  
aircraft engine research and development,  
particularly during the 1930s and '40s. It was  
built due to the increased research demands of  
World War II.

Project History: This report is part of the overall Wright-  
Patterson Air Force Base, Area B documentation  
project conducted by HAER 1991-1993. See  
overview report, HAER No. OH-79, for a  
complete description of the project.

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DESCRIPTION: Building 71D is a small rectangular two-story structure, built of cement block with a flat roof and multi-pane factory-style glass windows.

HISTORY: Building 71D was built by the Power Plant Laboratory in 1944 and houses the water cooling tower.

Building 71C, the Outdoor Engine Test Stands, was built in 1952 and situated in a wooded area about  $\frac{1}{4}$  mile south of Building 71. Known as "the rabbit patch" due to its location, the structure was torn down in the 1950s.

For bibliography, see Wright-Patterson Air Force Base overview report (HAER No. OH-79).